



LEE'S SUMMIT MISSOURI

January 28, 2015

Marisela Ward
MoDOT Kansas City District LPA Liaison
600 NE Colbern Rd,
Lee's Summit, MO 64086

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

Request for a Finding in the Public's Interest
Project Number: STP-3301 (455)
Douglas Street/Lee's Summit Road Improvements for Colbern Rd. to Gregory Blvd.

 1/29/15
State Design Engineer

The City of Lee's Summit is requesting approval of proprietary items for use on the above referenced project. In order to meet the purpose and need of the project and in accordance with 23 CFR 635.411(c), the City of Lee's Summit (the LPA) requests the usage of the proprietary items listed below because they essential for synchronization with existing highway facilities.

Item	Required Product
Video Detection System	Iteris Vantage Edge 2
Emergency Vehicle Detection System	GTT Opticom
Controller	Type 3608 M 52 Eagle EPAC (NTCIP)
Master Controller	Type MARC 360 (NTCIP)

The City is responsible to maintain the traffic signals throughout the City. Quick repairs are necessary to maintain safe and efficient operations. Repair times and costs are reduced by stocking repair parts in advance. The proprietary items match the systems and parts already stocked by the City. Specifying the same items will ensure the traffic signal system installed on this project is compatible with repair parts already stocked by the City, and saves costs by limiting the types of items kept in stock.

The signal at Douglas and Colbern on this project is also part of the regional intelligent transportation system called Operation Green Light (OGL), which is managed by the Mid America Regional Council. Specifying this traffic signal equipment will ensure the new equipment and software is compatible with the existing City systems and the OGL network.

The City also requests these items based upon their known availability in the local market. The City of Lee's Summit has already made these products the standard inventory items for future use because the known availability ensures prompt repairs, maintenance and improvements to the traffic signals.

Cost comparisons with alternative products showed no significant difference between these products and other items. The City's ability to show these as pre-approved items reduces the inventory required



Ms. Marisela Ward

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to maintain signals, reduces city maintenance staff time to manage and maintain the inventory, and reduces the overall maintenance cost of the city's integrated traffic signal system.

The term "NEMA 3R Cabinet" is not a proprietary item. NEMA stands for the National Electrical Manufacturers Association that sponsors industry standard classifications of equipment. NEMA 3R specifies a size of the cabinet and not a specific manufacturer or supplier. Also note that the MoDOT approved products list specifically calls out various "NEMA" types of equipment. Several vendors are listed under NEMA type cabinet, back panels, controllers, etc.

Respectfully,



George M. Binger III, P.E.

Deputy Director of Public Works / City Engineer

cc: Damon Hodges, City of Kansas City Public Works
Todd Thalman, P.E., TranSystems

